AUTHOR INDEX—VOLUME 41

Abe, Takanori 19, 104
Agathos, S. N. 83
Akley, Nancy J. 217
Amizuka, Norio 171
Appleby, Lara 12
Ariyasu, Toshio 50
Asashima, Makoto 19, 104

Bakay, Márta 165
Balint, Elisabeth 165
Barron, Anna 197
Baykal, B. 272
Bell, Graeme I. 7
Berger, Edward M. 12
Berkson, Jim M. 325
Bested, Soren M. 77
Bhargava, Madhu M. 305
Bhargava, Neelima 343
Björnsson, Johannes 337
Blomberg, Le Ann 130
Brink, Hallie E. 252

Cao, Tong 77
Caperna, Thomas J. 130
Carter, Timothy 111
Ceyhan, S. T. 272
Chan, Leslie C. L. 289
Chan, Swee H. 77
Chandar, N. 264
Chang, Bong Hyun 188
Chen, Y. P. 43
Christiansen, James 225
Chung, Chong-pyoung 126
Cincik, M. 272
Clarkson, Brian H. 232
Cleary, Susannah 197
Coudron, Thomas A. 71
Crews, Anne L. 217

D'alelio, Mary E. 142
Dackour, Raduwan 111
Das, Mainak 343
Diaw, Lena 142
Dixon, Darcelle N. 197
Do, Zung N. 149
Doty, Stephen 305
Dubrovskaya, Veronica 12
Dubrovsky, Edward B. 12

Ealy, Alan D. 130
Enjoji, Munechika 321

Ergur, R. 272
Erz, Dorothee 278

Faherty, S. 356
Frye, Cynthia A. 160
Fujii, Tomoyuki 104
Fujimoto, Manabu 19
Fujioka, Noboru 50
Fukui, Yasuto 104
Fukushima, Marie 321
Furue, Miho 19, 104

Gao, Qing-xiang 284
Garcia, Martha 97
Garrett, Wesley M. 130
Garrick, Rita Anne 57
Goodman, Cynthia L. 71
Goto, Shintaro 38
Grasela, James J. 298
Green, Lisa J. 142
Gregory, Cassie 343
Gudjonsson, Thorarinn 337
Gunawardana, Subhadra C. 7
Gundersen-rindal, D. E. 43
Günthert, Maja 207
Guo, Jianli 278
Gutzeit, Herwig O. 1

Häggström, Lena 330
Hagler, James R. 149
Halldorsson, Thorhallur 337
Hammock, Bruce D. 149
Hanby, A. 185
Hannafin, Jo A. 305
Hara, Manami 7
Harmston, W. R. 264
Hayashi, Yohei 19
Heidi, Holtgreve-grez, 278
Henderson, Eric 225
Heng, Boon C. 77
Hickman, James J. 343
Hidaka, Chisa 305
Hidalgo, Ismael J. 97
Hosokawa, Masashi 154
Hossain, Zakir 154
Hurton, Lenka V. 325
Huss, Harold T. 349

Ikeda, Masao 50
Ikegami, Hakuo 50
Imamura, Minako 321

Inoguchi, Toyoshi 321

Jang, Jun-hyeog 126
Janssen, Johannes W. G. 278
Jauch, Anna 278
Jia, Richard 97
Jiang, Xiaoqun 349
Jin, Taocong 232
Johannsson, Oskar Thor 337
Johnson, James C. 225
Jung'a, Joseph O. 1

Kaeffer, Bertrand 311
Kamau, Sarah W. 207
Kamita, Shizuo G. 149
Kane, M. T. 356
Kawase, Tomoyuki 171
Kobayashi, Kunihisa 321
Kohjima, Motoyuki 321
Kolman, K. 264
Kotoh, Kazuhiro 321
Krämer, Stefanie D. 207
Kulkarni, Anil D. 118
Kuniyoshi, Masami 321
Kurihara, Hideyuki 154
Kurimoto, Masashi 50

Lankford, Susan M. 217
Lareef, M. H. 92
Lewbart, Gregory A. 258
Li, Jibin 97
Li, Wen-jian 284
Lim, Jeong Ok 188
Liu, Jun 232
Loeb, Marcia J. 38
Lovan, Sai 225
Loxley, Rhonda A. 197
Lynn, D. E. 43

Macchione, Mariangela 217
Magnuson, Mark A. 7
Mándi, Yvette 165
Manna, Sunil K. 118
Martin, Linda D. 217, 258
Mcintosh, Arthur H. 298
Mckane, Shaun A. 217
Mckeehan, Wallace L. 125
Mello, Maria Luiza S. 92
Menino, Alfred R. 29
Mentzer, Steven J. 349
Min, Feng-ling 284

AUTHOR INDEX—VOLUME 41

Abe, Takanori 19, 104
Agathos, S. N. 83
Akley, Nancy J. 217
Amizuka, Norio 171
Appleby, Lara 12
Ariyasu, Toshio 50
Asashima, Makoto 19, 104

Bakay, Márta 165
Balint, Elisabeth 165
Barron, Anna 197
Baykal, B. 272
Bell, Graeme I. 7
Berger, Edward M. 12
Berkson, Jim M. 325
Bested, Soren M. 77
Bhargava, Madhu M. 305
Bhargava, Neelima 343
Björnsson, Johannes 337
Blomberg, Le Ann 130
Brink, Hallie E. 252

Cao, Tong 77
Caperna, Thomas J. 130
Carter, Timothy 111
Ceyhan, S. T. 272
Chan, Leslie C. L. 289
Chan, Swee H. 77
Chandar, N. 264
Chang, Bong Hyun 188
Chen, Y. P. 43
Christiansen, James 225
Chung, Chong-pyoung 126
Cincik, M. 272
Clarkson, Brian H. 232
Cleary, Susannah 197
Coudron, Thomas A. 71
Crews, Anne L. 217

D'alelio, Mary E. 142
Dackour, Raduwan 111
Das, Mainak 343
Diaw, Lena 142
Dixon, Darcelle N. 197
Do, Zung N. 149
Doty, Stephen 305
Dubrovskaya, Veronica 12
Dubrovsky, Edward B. 12

Ealy, Alan D. 130
Enjoji, Munechika 321

Ergur, R. 272
Erz, Dorothee 278

Faherty, S. 356
Frye, Cynthia A. 160
Fujii, Tomoyuki 104
Fujimoto, Manabu 19
Fujioka, Noboru 50
Fukui, Yasuto 104
Fukushima, Marie 321
Furue, Miho 19, 104

Gao, Qing-xiang 284
Garcia, Martha 97
Garrett, Wesley M. 130
Garrick, Rita Anne 57
Goodman, Cynthia L. 71
Goto, Shintaro 38
Grasela, James J. 298
Green, Lisa J. 142
Gregory, Cassie 343
Gudjonsson, Thorarinn 337
Gunawardana, Subhadra C. 7
Gundersen-rindal, D. E. 43
Günthert, Maja 207
Guo, Jianli 278
Gutzeit, Herwig O. 1

Häggström, Lena 330
Hagler, James R. 149
Halldorsson, Thorhallur 337
Hammock, Bruce D. 149
Hanby, A. 185
Hannafin, Jo A. 305
Hara, Manami 7
Harmston, W. R. 264
Hayashi, Yohei 19
Heidi, Holtgreve-grez, 278
Henderson, Eric 225
Heng, Boon C. 77
Hickman, James J. 343
Hidaka, Chisa 305
Hidalgo, Ismael J. 97
Hosokawa, Masashi 154
Hossain, Zakir 154
Hurton, Lenka V. 325
Huss, Harold T. 349

Ikeda, Masao 50
Ikegami, Hakuo 50
Imamura, Minako 321

Inoguchi, Toyoshi 321

Jang, Jun-hyeog 126
Janssen, Johannes W. G. 278
Jauch, Anna 278
Jia, Richard 97
Jiang, Xiaoqun 349
Jin, Taocong 232
Johannsson, Oskar Thor 337
Johnson, James C. 225
Jung'a, Joseph O. 1

Kaeffer, Bertrand 311
Kamau, Sarah W. 207
Kamita, Shizuo G. 149
Kane, M. T. 356
Kawase, Tomoyuki 171
Kobayashi, Kunihisa 321
Kohjima, Motoyuki 321
Kolman, K. 264
Kotoh, Kazuhiro 321
Krämer, Stefanie D. 207
Kulkarni, Anil D. 118
Kuniyoshi, Masami 321
Kurihara, Hideyuki 154
Kurimoto, Masashi 50

Lankford, Susan M. 217
Lareef, M. H. 92
Lewbart, Gregory A. 258
Li, Jibin 97
Li, Wen-jian 284
Lim, Jeong Ok 188
Liu, Jun 232
Loeb, Marcia J. 38
Lovan, Sai 225
Loxley, Rhonda A. 197
Lynn, D. E. 43

Macchione, Mariangela 217
Magnuson, Mark A. 7
Mándi, Yvette 165
Manna, Sunil K. 118
Martin, Linda D. 217, 258
Mcintosh, Arthur H. 298
Mckane, Shaun A. 217
Mckeehan, Wallace L. 125
Mello, Maria Luiza S. 92
Menino, Alfred R. 29
Mentzer, Steven J. 349
Min, Feng-ling 284

Mitema, Eric S. 1
Molnar, Peter 343
Mols, J. 83
Muys, James 225
Myoishi, Yasufumi 19, 104

Nabli, Henda 71
Nagamine, Kentaro 104
Nakamuta, Makoto 321
Nawata, Hajime 321
Nettikadan, Saju R. 225
Nicoll, Steven B. 252
Nielsen, Lars K. 289
Nishida, Eri 239
Nou, Shinsuke 239

Ocsovszki, Imre 165
Ögmundsdottir, Helga M. 337
Ohnuma, Kiyoshi 19
Ohta, Satoshi 321
Okamoto, Tetsuji 19, 104
Okochi, Hitoshi 19
Okuda, Kazuhiro 171
Okuda, Takashi 71
Oláh, Tibor 165
Onalan, G. 272
Orozco, Benjamin S. 349

Pardini, Lissia 311
Park, Hyoungshin 188
Patrick, Charles W. 160
Pedrini, Márcia R. S. 289
Peeters-Joris, C. 83
Pellis, Neil R. 118
Phillips, Jacqueline K. 197
Piston, David W. 7
Popham, Holly J. R. 298
Powell, Anne M. 130
Pratt, Juan Pablo 349
Pusztai, Rozália 165

Quinlan, L. R. 356

Radisic, Milica 188
Ramesh, Govindarajan T. 118
Ramesh, Vani 118
Ravnic, Dino J. 349
Reid, Steven 289
Riedel, Lisa 343
Ritchie, Helena H. 232
Roth, Mark 142
Rubner Fridriksdottir, Agla J. 337
Russo, J. 92

Saito, Yoshinori 171
Samra, Aman I. 149
Santos, A. B. 92
Sarkar, Shubhashish 118
Sato, Gordon H. 19
Sato, J. Denry 19
Schiff, Leonard J. 65
Schneider, Y.-J. 83
Schoell, Brigitte 278
Schrank, Martina 278
Schwinn, Debra A. 142
Shappell, Nancy W. 245
Singleton, Coreyayne 29
Smith, Anthony J. 232
Smith, David J. 245
Smith, Stephen A. 325
Speirs, V. 185
Spens, Erika 330
Stalling, Simone S. 252
Stegeman, John J. 57
Steinarsdottir, Margret 337
Steinberg, Bettie M. 111
Steven Head, W. 7
Stoskopf, Michael K. 258
Sugimoto, Rie 321
Suzuki, Hironobu 171

Tachibana, Hirofumi 239
Taddayon, P. 264
Takahashi, Koretaro 154
Takeda, Makio 38
Taketani, Yuji 104
Talbot, Neil C. 130
Tanaka, Takeshi 50
Tangrea, Joseph A. 142
Thomas, Renard L. 118
Tokiwa, Takayoshi 80
Tsai, Robert Y. L. 177
Tukiyama, Takashi 80

Vengasandra, Srikanth G. 225
Vidal, B. C. 92
Vunjak-Novakovic, Gordana 188

Wagner, Rene M. 71
Wang, Qing 97
Warren, Russell F. 305
Waterworth, A. 185
Wattiez, R. 83
Willens, Scott 258
Wilson, Bobby L. 118
Wise, Kimberly C. 118
Woodin, Bruce R. 57
Wright-Osment, Maureen K. 71
Wu, Xuemei 160
Wunderli-Allenspach, Heidi 207

Yamada, Koji 239
Yamamoto, Shigeto 50
Yamasaki, Masao 239
Yamauchi, Hiroshi 50
Yamauchi, Keiko 118
Yamazaki, Taisuke 80
Yanai, Yoshiaki 50
Ye, Cindy 97
Yoshida, Shiro 104
Yoshie, Hiromasa 171

Zeteroglu, S. 272
Zhang, Hong 284
Zhou, Guang-ming 284

SUBJECT INDEX—VOLUME 41

5-HT 165

α-tocopherol 239
α-tocotrienol 239
activin 104
adipogenesis 160
ADRP 321
adult rat spinal cord 343
Akt 111
alkaline phosphatase activity 154
amebocyte culture 325
amoebocyte 325
angiogenesis 160
animal cap 104
anti-inflammatory agent 80
aprotinin 330
asynchronous pronuclear morphology 272
atelocollagen 171

bacmid 43
baculovirus 298
baculovirus expression vector 43
bioassay model system 1
biocompatibility 188
biotechnology products 65
blastocyst 29
blood vessel 104
bombyxin 38
bone 264
bone sialoprotein 232
bovine 130
BRCA2 mutation 337
breast cancer 337
Bufo marinus 258

caprolactone 188
carbon-ion beams 284
cardiac myocyte 188
catecholaminergic 197
cathepsin L 330
cell 130
cell adhesion 252
cell banks 65
cell culture 343
cell death 92, 284, 349
cell line 80, 142
cell lines 185, 337
cell migration 252
cell networks 225
cell proliferation 38
cell volume, 349
Chinese hamster ovary cells 83
cholesterol 207
chondrocytes 126
chromaffin cell 197
circadian rhythm 311
clock 311
collagen 188, 252, 321
colloid-osmotic, 349
Colorado potato beetle 71
conditioned medium 330
conjugated linoleic acid 239
core binding factor a 1 232
cryopreservation 77
Cypia 57
cystatin C 330
cytochrome P450 57
cytokines 305
cytotoxicity 165

dbcAMP 356
defective interfering particles 289
dentin sialophosphoprotein 232
deoxyribonucleic acid fragmentation 154
depolarization 165
diapause 71
differentiation 264
digalactosyl diacylglycerol 154
dioxin 57
DmiR-2 12
DmiR-11 12
DNA binding assay 80

ectopeptidases 83
eel 57
electrophysiology 343
embryo 29
embryonic 77
embryonic stem cells 356
endoderm 130
endothelial cell 104
endothelium 57
ergopeptine 245
ERK 111
EROD 57
ES 19
ES cells 278
established cell line 311
estrogen receptor alpha 264
estrogen receptor beta 264
extension fibrils 225
extracellular matrix 126

farnesol 71
fatty acid 321
feeder cells 278
fescue toxicosis 245
fetal 252
FGF-1 126
fibroblast 252
fibronectin 29, 126
fish 57

gene expression 298
GFP-labeled 7
glutathione 118
glycosphingolipids 207
Glyptapanteles indiensis 43
growth arrest 154
growth factors 142
GWSS 149

HaSNPV 289
healing 305
hepatitis 50
hepatoma 239
Heteroptera 71
hindlimb unloading 118
horseshoe crab 325
HSP70 1
human 77
human papillomavirus 111
hyperpolarization 165
hypoxia 160

IFN-α subtype 50
immortalization 337
immunohistochemistry 185, 197
in vitro 97, 325
in vitro cell morphology 225
in vitro culture 7
inhibition of cell division 225
injury 305
insect 149
insect cell lines 43, 298
insect cells 289
insulin family peptides 38
intestinal cells 245

juvenile hormone 71

laminin 29
LET 284
LIF 19, 278
line 130
liver disorders 50
lymphocytes, 349

M-FISH 278
MAPKK 118
matrix metalloproteinases 83
MCF-10F cells 92
melanoma 284
melanomacrophage centers 225
melittin 349
meniscus 305
metabolism 97
microarray 185
microvascular endothelial cells 160
microvasculature 57
midgut 38
mineralization 171, 232
MMP 142
model 97
morphology 325
motoneuron 343
mouse 7, 356
mouse embryonic stem cells 19
MUC5AC 217
mucous cell 217
mucus 217
multicolor karyotype analyses 278

nanog 19
Nile tilapia 1
noradrenaline transporter 197
nuclear image 92
nuclear receptors 142
nucleolus 272

Oct-3/4 19
Oct4 356
oleic acid 239
osteoblastic phenotype 171

P-glycoprotein 207
p21 126
p53 gene 284
palmitoleic acid 239
pancreatic explants 7
parthenogenic 130
perfusion 188
periodontal ligament cells 171
pHAH 57
phase II 97
Pierce disease 149
pigmented cells 225
plant peptones 83
plaque purification 289
plasminogen activator 29
plasminogen activators 83
platelet 171
platelet-rich plasma 171
PLGA 188
polydnavirus 43
preadipocytes 160
primary cell culture 217
primary culture 311
primary hepatocytes 1
progenitor cell 232
proliferation 217
pronucleus 272

quantitative real-time PCR 197

rafts 207
Rana catesbeiana 258
reactive oxygen species of NF-κB 118
real-time 7
recombinant protein 43
red fluorescent protein 298
retinoic acid 356
rhIFN-α 165
RNA interference 12

serum-free 19
serum-free medium 343
signal transduction 111
silane surface 343
simulated microgravity 118
SLPI 330
stellate cells 321
stem cells 38, 77
substrates 92
sulfoquinovosyl diacylglycerol 154

teleost 57
TEM 272
Th1/Th2 balance 50
thin layer chromatography 71
transcription 80
transient cellular stress expression 1
translational inhibition 12
trypan 258

VEGF 104, 160
viability 325
virus 50
vitrification 77
vitronectin 29

Xylella fastidiosa 149

zymography 330